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KAPUSTIN YAR MISSILE TEST CENTER

USSR

1. TALENT PHOTOGRAPHY OF SEP 57, FIRST REVEALED THIS INSTALLATION AS A MAJOR SOVIET GUIDED MISSILE TEST RANGE. THE 57 COVERAGE AND ADDITIONAL COVERAGE IN DEC 59, REVEALED FOUR SURFACE-TO-SURFACE BALLISTIC MISSILE TEST LAUNCH COMPLEXES IN VARIOUS STAGES OF CONSTRUCTION, ONE FOR AERODYNAMIC VEHICLES AND TWO FOR TRAINING; A LARGE SURFACE-TO-AIR MISSILE DEVELOPMENT COMPLEX; AND A CONSIDERABLE AMOUNT OF SUPPORTING FACILITIES FOR THE OPERATION OF THIS HIGHLY ACTIVE AND DIVERSIFIED PAD FACILITY.
2. SIXTEEN SUBSEQUENT KH MISSIONS FROM AUG 60, THROUGH SEP 63 REVEALED THE COMPLETION OF EXISTING FACILITIES, AND THE CONSTRUCTION OF ADDITIONAL FACILITIES: SUCH AS, NEW LAUNCH SITES AT THE SAM R&D COMPLEX, MRBM AND IRBM SILO TEST FACILITIES AND SOFT SITE TRAINING FACILITIES, AND MISCELLANEOUS ELECTRONICS AND SUPPORT FACILITIES.
3. [] PROVIDED THE FIRST KH-7 COVERAGE OF KYMTC, BUT CLOUDS, OBLIQUITY AND HEAVY SNOW HAMPERED INTERPRETATION.
4. [] PROVIDED THE BEST COVERAGE TO DATE. LAUNCH COMPLEXES "A", "B", AND "C" WERE OBSERVED IN GREAT DETAIL. HIGHLIGHTS REPORTED

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WERE AN SS-4 TRAINING EXERCISE UNDER WAY AT COMPLEX "A"; A NEWLY IDENTIFIED LAUNCH FACILITY AT COMPLEX "B"; A TRAINING EXERCISE AT "3-C" WITH MISSILE, ERECTOR, AND OTHER SUPPORT VEHICLES VISIBLE; SILOS AT 4C-1 AND 4C-2; AND TWO MISSILES ON TRANSPORTERS AT 5C-1. A RAIL-SERVED UNIDENTIFIED FACILITY WAS LOCATED BEHIND LAUNCH COMPLEX "B".

5. [] REVEALED THE FOLLOWING ACTIVITY:

LAUNCH COMPLEX "C". A NEW RAIL SPUR WAS UNDER CONSTRUCTION AND BRANCHED FROM THE RAIL SERVING LAUNCH AREA 1C JUST WEST OF COMPLEX "C" OPERATIONS CONTROL CENTER AND EXTENDED TO THE FORMER 4C SUPPORT AREA. ROAD BED CONSTRUCTION TERMINATED AT THE ROAD SERVING LAUNCH AREAS 4 AND 5C. CONSTRUCTION CONTINUED AT LAUNCH AREA 1C. VEHICLE TRACKS APPEARED TO ENCIRCLE THE ENTIRE LAUNCH AREA. A PROBABLE MISSILE EXERCISE WAS UNDERWAY AT LAUNCH AREA 3C. SAM FACILITIES. THE ROAD SERVING THE NEW ACTIVITY HAD JOINED THE MAIN ROAD INTO THE SAM COMPLEX IMMEDIATELY TO THE REAR OF THE SAM R&D LAUNCH AREA. THE CENTER OF THE NEW ACTIVITY AT THE END OF THE NEW ROAD WAS BEING FENCED. PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA. THE AREA WAS RAIL-SERVED AND SHOWED NEW CONSTRUCTION SCARRING SINCE [] WEST AND NORTH OF THE EXISTING FACILITY.

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6. PORTIONS OF THE TEST CENTER WERE SUBSEQUENTLY COVERED BY TWO KH MISSIONS WHICH REPORT NO SIGNIFICANT CHANGES.

7. [REDACTED] REVEALED ACTIVITY WAS EVIDENT IN THE R&D, SA-2 & SA-3 LAUNCH AREAS.

THE UNIDENTIFIED FACILITY NORTHWEST OF THE SAM R&D LAUNCH AREA APPEARED TO STILL BE UNDER CONSTRUCTION. NO FUNCTION COULD THEN BE ASCRIBED TO THIS FACILITY. THE UNIDENTIFIED STRUCTURE AT THE END OF ACCESS ROAD APPEARED TO HAVE GREATER HEIGHT THAN WHEN PREVIOUSLY OBSERVED.

SCARRING INDICATIVE OF A FIREBREAK CLEARING WAS EVIDENT [REDACTED]

[REDACTED]
THE ELEVATED STRUCTURE IN THE WESTERN PORTION OF THE ELECTRONICS AREA WAS IDENTIFIED AS A LARGE DISH ANTENNA ON A TOWER WHICH IN TURN WAS MOUNTED ON A BUILDING.

8. [REDACTED] REVEALED:

LAUNCH COMPLEX "A". A PROBABLE MISSILE EXERCISE WAS UNDERWAY AT THE SOUTHERN PAD WITH ONE ERECTED MISSILE AND NINE POSSIBLE VEHICLES. NEW BIVOUAC/TRAINING AREA. LOCATED 2.3 NM WEST OF LAUNCH COMPLEX "B", CONSISTING OF FOUR SECTIONS CONTAINING FOUR PROBABLE BUILDINGS, APPROXIMATELY 67 TENTS, 59 VEHICLES, FOUR LONG VEHICLES AND SIX PROBABLE TRANSPORTERS.

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LAUNCH COMPLEX "C". THE TWO PADS AT LAUNCH AREA "1C" WERE STILL UNDER CONSTRUCTION WITH A RAIL SPUR LEADING ONTO EACH. A NEW FENCE LINE HAD BEEN CONSTRUCTED AROUND THIS WHOLE LAUNCH AREA, AND VARIOUS PIECES OF EQUIPMENT/VEHICLES WERE PRESENT. A CONSIDERABLE AMOUNT OF ACTIVITY WAS OBSERVED AT LAUNCH AREA "2C" INCLUDING A PROBABLE TRANSPORTER AND A PROBABLE ERECTOR ON THE SOUTHERN LAUNCH PAD. NO ACTIVITY WAS OBSERVED AT LAUNCH AREA 3C, BUT THERE WAS A NEW BUILDING 90 X 30 FT AT THE FINAL CHECKOUT AREA. A NEW RAIL LINE FROM THE LINE SERVING LAUNCH AREA "1C" WAS OBSERVED UNDER CONSTRUCTION TOWARD LAUNCH AREA "4C1". ALSO IDENTIFIED WERE A NEW SQUARE EXCAVATION AND A LARGE STRUCTURE WHICH WAS BETWEEN THE EXCAVATION AND THE SITE ACCESS ROAD. VEHICULAR ACTIVITY WAS NOTED AT BOTH "4C1" AND "4C2". LAUNCH SITE "5C1" ALSO CONTAINED MUCH VEHICULAR ACTIVITY INCLUDING THE PRESENCE OF TWO POSSIBLE TRANSPORTERS; HOWEVER, LAUNCH SITE "5C2" CONTAINED NO ACTIVITY AND REQUIRED ADDITIONAL WORK ON THE LAUNCH PADS.

PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA. ONE NEWLY CONSTRUCTED DRIVE-IN BUILDING AND THREE POSSIBLE DRIVE-THROUGH BUILDINGS UNDER CONSTRUCTION WERE OBSERVED. IN ADDITION ANOTHER NEW BUILDING WAS

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OBSERVED WHICH WOULD PROBABLY BE RAIL-ENTERED.

LAUNCH AREA "E". NEW SCARRING AND FIRE-BREAKS WERE EVIDENT ALONG WITH SOME UNIDENTIFIED PIECES OF EQUIPMENT.

NEW AREA UNDER CONSTRUCTION. A NEW AREA SERVED BY A CONTINUATION OF THE ROAD FROM LAUNCH AREA "E" WAS OBSERVED WHICH WAS RECTANGULAR, HAVING A RAISED STRUCTURE AND A CIRCULAR REVETMENT WITHIN ITS SINGLE SECURITY FENCE.

A BIVOUAC/TRAINING AREA CONTAINING 73 TENTS AND TEN VEHICLES IN ONE AREA, AND A MOTOR POOL WITH 46 VEHICLES AND FOUR POSSIBLE TENTS. A DRIVE-THROUGH REVETMENT, EXTENSIVE VEHICULAR TRACK ACTIVITY AND A FEW TENTS AND VEHICLES WERE ALSO OBSERVED.

9. THIS MISSION REVEALS THAT THE PREVIOUSLY REPORTED NEW AREA OF CONSTRUCTION CAN NOW BE IDENTIFIED AS A NEW LAUNCH COMPLEX (H), CONTAINING TWO ROAD-SERVED SOFT LAUNCH PADS APPROXIMATELY 80 X 180 FT WITH A CENTER-TO-CENTER SEPARATION OF 495 FT AND A PROBABLE CONTROL BUNKER. THIS LAUNCH COMPLEX IS LOCATED 2.5 NM NORTHEAST OF LAUNCH COMPLEX "E" SOMEWHAT IN FRONT OF THE FIRING LINE WITH A DIFFERENT ORIENTATION FROM THE OTHER LAUNCH COMPLEXES; [REDACTED] IN ADDITION, A NEW PROBABLE LAUNCH AREA CAN BE IDENTIFIED 1.5 NM NORTHWEST OF THE SURFACE-TO-AIR MISSILE R&D FACILITIES WHICH CONTAINS A CIRCULAR STRUCTURE STRADDLING A LOOP-ROAD AND A BUNKER ADJACENT TO

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THE LOOP-ROAD TO THE SOUTH. BETWEEN THIS PROBABLE LAUNCH AREA AND THE SAM R&D FACILITIES CAN BE SEEN SOME UNIDENTIFIED CONSTRUCTION ACTIVITY.

LAUNCH AREA "1C" CONTAINS ACTIVITY ON BOTH PADS THE NATURE OF WHICH IS UNKNOWN DUE TO QUALITY OF PHOTOGRAPHY. LAUNCH AREA "3C" HAS EQUIPMENT ON THE SOUTHWEST DUMBELL AND AT THE ENTRANCE TO THE PAD AND IN THE PAD AREA.

A NEW DIRT STRIP 11,500 FT LONG IS LOCATED PARALLEL TO AND ON THE NORTH SIDE OF THE 13,350 FT RUNWAY LOCATED 3.5 NM NORTHEAST OF THE ORIGINAL VLADIMIROVKA AIRFIELD.

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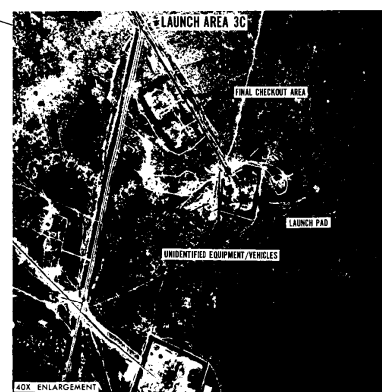
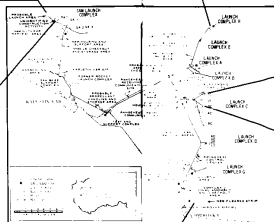
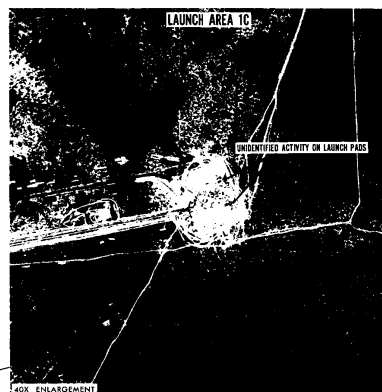
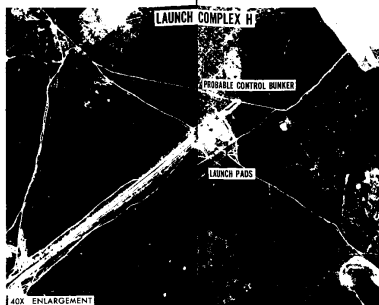
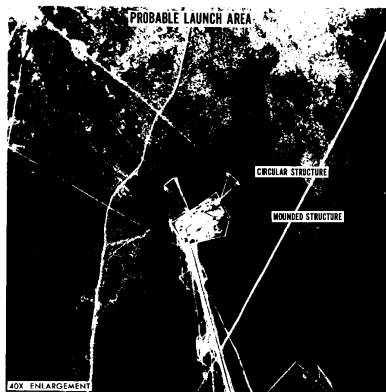
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER

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48-35N 45-45E



SCALE FOR 40X ENLARGEMENTS

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